Basi

> **This Raw Listing contains the General Information Section and up to first 5 pages.**

new format

ENTERED

```
 1   <110> APPLICANT: Bhat, Ramesh, A.
 2         Henderson,, Ruth
 3         Hsiao, Chulai
 4         Karathanasis, Sotirios
 5   <120> TITLE OF INVENTION: NOVEL HUMAN ESTROGEN RECEPTOR-BETA
 6   <130> FILE REFERENCE: 0646/0d205
 7   <140> CURRENT APPLICATION NUMBER: US/08/906,365
 8   <141> CURRENT FILING DATE: 1997-08-05
 9   <160> NUMBER OF SEQ ID NOS: 13
10   <170> SOFTWARE: FastSEQ for Windows Version 3.0
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13   <212> TYPE: DNA
14   <213> ORGANISM: Human
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18         cttaattctc cttcctccta caactgcagt caatccatct tacccctgga gcacggctcc       180
19         atatacatac cttcctccta tgtagacagc caccatgaat atccagccat gacattctat       240
20         agccctgctg tgatgaatta cagcattccc agcaatgtca ctaacttgga aggtgggcct       300
21         ggtcggcaga ccacaagccc aaatgtgttg tggccaacac ctgggcacct ttctcctttta       360
22         gtggtccatc gccagttatc acatctgtat gcggaacctc aaaagagtcc ctggtgtgaa       420
23         gcaagatcgc tagaacacac cttacctgta aacagagaga cactgaaaag gaaggttagt       480
24         gggaaccgtt gcgccagccc tgttactggt ccaggttcaa agagggatgc tcacttctgc       540
25         gctgtctgca gcgattacgc atcgggatat cactatggag tctggtcgtg tgaaggatgt       600
26         aaggcctttt ttaaaagaag cattcaagga cataatgatt atatttgtcc agctacaaat       660
27         cagtgtacaa tcgataaaaa ccggcgcaag agctgccagg cctgccgact tcggaagtgt       720
28         tacgaagtgg gaatggtgaa gtgtggctcc cggagagaga gatgtgggta ccgccttgtg       780
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30         ggccacgcgc cccgagtgcg ggagctgctg ctggacgccc tgagccccga gcagctagtg       900
31         ctcaccctcc tggaggctga gccgccccat gtgctgatca gccgcccag tgcgcccttc       960
32         accgaggcct ccatgatgat gtccctgacc aagttggccg acaaggagtt ggtacacatg      1020
33         atcagctggg ccaagaagat tcccggcttt gtggagctca gcctgttcga ccaagtgcgg      1080
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36         gtagaaggaa ttctggaaat ctttgacatg ctcctggcaa ctacttcaag gtttcgagag      1260
37         ttaaaactcc aacacaaaga atatctctgt gtcaaggcca tgatcctgct caattccagt      1320
38         atgtaccctc tggtcacagc gacccaggat gctgacagca gccggaagct ggctcacttg      1380
39         ctgaacgccg tgaccgatgc tttggtttgg gtgattgcca agagcggcat ctcctcccag      1440
40         cagcaatcca tgcgcctggc taacctcctg atgctcctgt cccacgtcag gcatgcgagt      1500
41         aacaagggca tggaacatct gctcaacatg aagtgcaaaa atgtggtccc agtgtatgac      1560
42         ctgctgctgg agatgctgaa tgcccacgtg cttcgcgggt gcaagtcctc catcacgggg      1620
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44         cagtga                                                                1686
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48    <213> ORGANISM: Human
49    <400> SEQUENCE: 2
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51          1               5                   10                  15
52          Asn Cys Ser Gln Ser Ile Leu Pro Leu Glu His Gly Ser Ile Tyr Ile
53                      20                  25                  30
54          Pro Ser Ser Tyr Val Asp Ser His His Glu Tyr Pro Ala Met Thr Phe
55                      35                  40                  45
56          Tyr Ser Pro Ala Val Met Asn Tyr Ser Ile Pro Ser Asn Val Thr Asn
57                      50                  55                  60
58          Leu Glu Gly Gly Pro Gly Arg Gln Thr Thr Ser Pro Asn Val Leu Trp
59          65                  70                  75                  80
60          Pro Thr Pro Gly His Leu Ser Pro Leu Val Val His Arg Gln Leu Ser
61                          85                  90                  95
62          His Leu Tyr Ala Glu Pro Gln Lys Ser Pro Trp Cys Glu Ala Arg Ser
63                      100                 105                 110
64          Leu Glu His Thr Leu Pro Val Asn Arg Glu Thr Leu Lys Arg Lys Val
65                      115                 120                 125
66          Ser Gly Asn Arg Cys Ala Ser Pro Val Thr Gly Pro Gly Ser Lys Arg
67                      130                 135                 140
68          Asp Ala His Phe Cys Ala Val Cys Ser Asp Tyr Ala Ser Gly Tyr His
69          145                 150                 155                 160
70          Tyr Gly Val Trp Ser Cys Glu Gly Cys Lys Ala Phe Phe Lys Arg Ser
71                          165                 170                 175
72          Ile Gln Gly His Asn Asp Tyr Ile Cys Pro Ala Thr Asn Gln Cys Thr
73                      180                 185                 190
74          Ile Asp Lys Asn Arg Arg Lys Ser Cys Gln Ala Cys Arg Leu Arg Lys
75                      195                 200                 205
76          Cys Tyr Glu Val Gly Met Val Lys Cys Gly Ser Arg Arg Glu Arg Cys
77                      210                 215                 220
78          Gly Tyr Arg Leu Val Arg Arg Gln Arg Ser Ala Asp Glu Gln Leu His
79          225                 230                 235                 240
80          Cys Ala Gly Lys Ala Lys Arg Ser Gly Gly His Ala Pro Arg Val Arg
81                      245                 250                 255
82          Glu Leu Leu Leu Asp Ala Leu Ser Pro Glu Gln Leu Val Leu Thr Leu
83                      260                 265                 270
84          Leu Glu Ala Glu Pro Pro His Val Leu Ile Ser Arg Pro Ser Ala Pro
85                      275                 280                 285
86          Phe Thr Glu Ala Ser Met Met Met Ser Leu Thr Lys Leu Ala Asp Lys
87                      290                 295                 300
88          Glu Leu Val His Met Ile Ser Trp Ala Lys Lys Ile Pro Gly Phe Val
89          305                 310                 315                 320
90          Glu Leu Ser Leu Phe Asp Gln Val Arg Leu Leu Glu Ser Cys Trp Met
91                      325                 330                 335
92          Glu Val Leu Met Met Gly Leu Met Trp Arg Ser Ile Asp His Pro Gly
93                      340                 345                 350
94          Lys Leu Ile Phe Ala Pro Asp Leu Val Leu Asp Arg Asp Glu Gly Lys
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 95                355                360                365
 96         Cys Val Glu Gly Ile Leu Glu Ile Phe Asp Met Leu Leu Ala Thr Thr
 97            370                375                380
 98         Ser Arg Phe Arg Glu Leu Lys Leu Gln His Lys Glu Tyr Leu Cys Val
 99            385                390                395                400
100         Lys Ala Met Ile Leu Leu Asn Ser Ser Met Tyr Pro Leu Val Thr Ala
101                405                410                415
102         Thr Gln Asp Ala Asp Ser Ser Arg Lys Leu Ala His Leu Leu Asn Ala
103                420                425                430
104         Val Thr Asp Ala Leu Val Trp Val Ile Ala Lys Ser Gly Ile Ser Ser
105                435                440                445
106         Gln Gln Gln Ser Met Arg Leu Ala Asn Leu Leu Met Leu Leu Ser His
107            450                455                460
108         Val Arg His Ala Ser Asn Lys Gly Met Glu His Leu Leu Asn Met Lys
109            465                470                475                480
110         Cys Lys Asn Val Val Pro Val Tyr Asp Leu Leu Leu Glu Met Leu Asn
111                485                490                495
112         Ala His Val Leu Arg Gly Cys Lys Ser Ser Ile Thr Gly Ser Glu Cys
113                500                505                510
114         Ser Pro Ala Glu Asp Ser Lys Ser Lys Glu Gly Ser Gln Asn Pro Gln
115                515                520                525
116         Ser Gln
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129    <400> SEQUENCE: 4
130         Gly Tyr Ser Pro Ala Val Met Asn Tyr Ser
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133    <211> LENGTH: 45
134    <212> TYPE: DNA
135    <213> ORGANISM: Artificial Sequence
136    <220> FEATURE:
137    <223> OTHER INFORMATION: PCR Primer
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139         ggaagcttgt cgaccatcat gaccggctat agccctgctg tgatg            45
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144    <220> FEATURE:
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154             1
155     <210> SEQ ID NO 8
156     <211> LENGTH: 17
157     <212> TYPE: DNA
158     <213> ORGANISM: Human
159     <400> SEQUENCE: 8
160           ccatcatgac cggctat                                             17
161     <210> SEQ ID NO 9
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163     <212> TYPE: DNA
164     <213> ORGANISM: Artificial Sequence
165     <220> FEATURE:
166     <223> OTHER INFORMATION: PCR Primer
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168           ctggtaagtt tagtcttttt gtc                                      23
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171     <212> TYPE: DNA
172     <213> ORGANISM: Artificial Sequence
173     <220> FEATURE:
174     <223> OTHER INFORMATION: PCR Primer
175     <400> SEQUENCE: 10
176           gcttcacacc aaggactctt ttgag                                    25
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178     <211> LENGTH: 26
179     <212> TYPE: DNA
180     <213> ORGANISM: Artificial Sequence
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188     <213> ORGANISM: Artificial Sequence
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194     <211> LENGTH: 23
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Line	?	Error/Warning	Original Text